

## CONSUMER PRICE INDICES (CPI)

Consumer price indices have a long history in official statistics. They measure the erosion of living standards through price inflation and are probably the best known economic statistics among the media and general public.

### Definition

Consumer price indices measure the change in the prices of a basket of goods and services that are typically purchased by specific groups of households. For the indices in these tables, the groups of households have been broadly defined and cover virtually all households except for “institutional” households – prisons and military barracks for example – and, in some countries, households in the highest income group.

The index for food covers food and non-alcoholic beverages but excludes purchases in restaurants. The index for energy is intended to cover all forms of energy, including fuels for motor vehicles, heating and other household uses.

### Long-term trends

For most OECD countries, consumer price indices have grown only moderately since 1994, with inflation lower in the latter part of the period compared with the years up to 1997. Over the period as a whole, inflation has been exceptionally low in Japan, averaging close to 0% per year, but quite substantial in Greece, Mexico, Turkey and the four recent member countries in Central Europe – the Czech Republic, Hungary, Poland and the Slovak Republic.

As regards the five non-member economies shown, CPIs have risen sharply since 1994 in Brazil, India, Russian Federation and South Africa.

Food and energy are shown separately because they are important items in the consumer price indices of all countries and because their price movements tend to be more volatile than other goods and services. Food prices have risen over the period by less than total consumer prices, and increases have been moderate in most of the European Union countries. However, substantial increases occurred in 2001 and, except in Europe, between 1996 and 1998. Energy prices have been rather volatile; for example they rose over 10% in 2005 but actually fell in 1998 and 2002. Over the period as whole, energy prices have risen faster than the total consumer price indices.

### Comparability

There are a number of differences in the ways that these indices are calculated. The most important ones concern the treatment of dwelling costs, adjustments for changes in the quality of goods and services, the frequency with which the basket weights are updated and the index formulae used. In particular, country methodologies for the treatment of owner-occupied housing vary significantly. The European Harmonised Indices of Consumer Prices (HICP) exclude owner-occupied housing as do national CPIs for Belgium, France, Greece, Italy, Luxembourg, Poland, Portugal, Spain and the United Kingdom. For the United Kingdom, the national CPI is the same as the HICP. The European Union area CPI refers to the HICP published by Eurostat and covers the twenty seven countries for the entire period of the time series. In addition, there are practical difficulties in measuring consumer prices in countries experiencing very high inflation – such as Hungary, Mexico and Turkey during the period considered here.

### Source

- OECD (2008), *Main Economic Indicators*, OECD, Paris.

### Further information

#### Analytical publications

- Brook, A.M. et al. (2004), *Oil Price Developments: Drivers, Economic Consequences and Policy Responses*, OECD Economics Department Working Papers, No. 412, OECD, Paris.
- OECD (2008), *OECD Economic Outlook, June No. 83 – Vol. 2008/1*, OECD, Paris.

#### Methodological publications

- OECD (1999), *Main Economic Indicators: July Volume 1999 Issue 7*, OECD, Paris.
- OECD (2002), “Comparative Methodological Analysis: Consumer and Producer Price Indices”, *Main Economic Indicators, Volume 2002, Supplement 2*, OECD, Paris.
- ILO, IMF, OECD, Eurostat, World Bank (2004), *Consumer Price Index Manual: Theory and Practice*, ILO, Geneva.

### Websites

- OECD Main Economic Indicators, [www.oecd.org/std/mei](http://www.oecd.org/std/mei).

CPI: all items

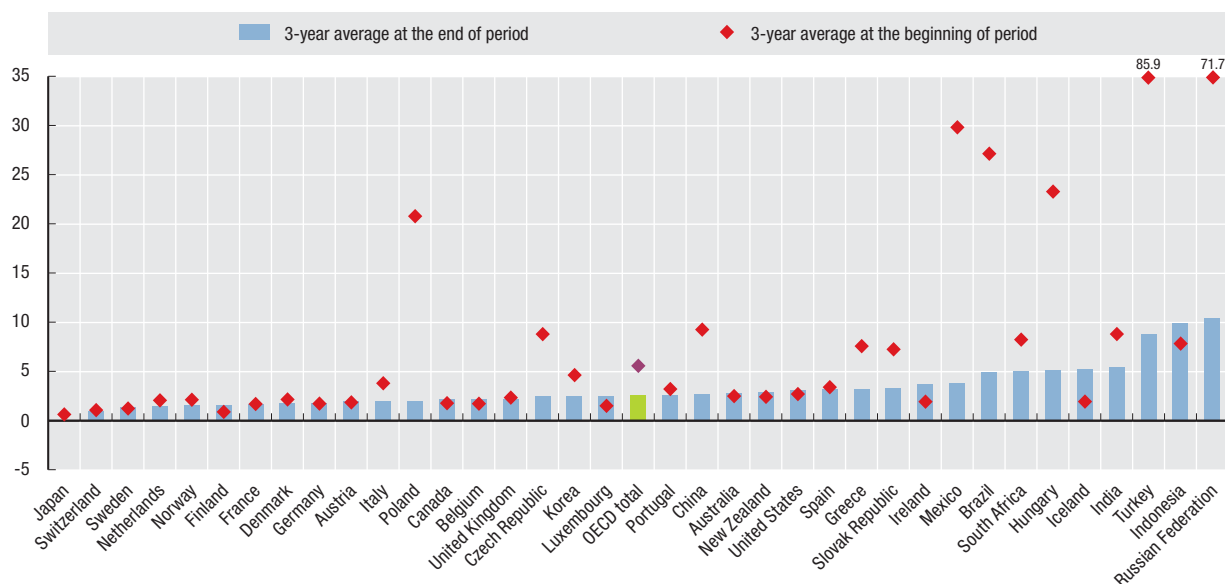
Year 2000 = 100

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	86.9	90.9	93.3	93.5	94.3	95.7	100.0	104.4	107.5	110.5	113.1	116.1	120.2	123.0
Austria	91.2	93.3	95.0	96.3	97.2	97.7	100.0	102.7	104.5	105.9	108.1	110.6	112.2	114.6
Belgium	90.8	92.1	94.0	95.5	96.4	97.5	100.0	102.5	104.2	105.8	108.0	111.0	113.0	115.1
Canada	89.9	91.8	93.2	94.7	95.7	97.4	100.0	102.5	104.8	107.7	109.7	112.2	114.4	116.9
Czech Republic	66.2	72.2	78.5	85.2	94.3	96.2	100.0	104.7	106.6	106.8	109.8	111.8	114.7	118.1
Denmark	87.4	89.2	91.1	93.1	94.8	97.2	100.0	102.4	104.8	107.0	108.3	110.2	112.3	114.2
Finland	92.2	92.9	93.5	94.6	95.9	97.0	100.0	102.6	104.2	105.1	105.3	106.0	107.6	110.3
France	92.5	94.2	96.0	97.2	97.8	98.3	100.0	101.6	103.6	105.8	108.0	109.9	111.7	113.4
Germany	92.3	93.9	95.3	97.1	98.0	98.6	100.0	102.0	103.4	104.5	106.2	107.9	109.6	112.1
Greece	72.5	79.0	85.4	90.2	94.5	96.9	100.0	103.4	107.1	110.9	114.1	118.2	122.0	125.5
Hungary	38.7	49.7	61.3	72.5	82.8	91.1	100.0	109.1	114.9	120.2	128.3	132.9	138.1	149.1
Iceland	85.6	87.0	89.0	90.6	92.1	95.1	100.0	106.4	111.9	114.2	117.8	122.5	130.7	137.3
Ireland	86.0	88.2	89.7	91.0	93.2	94.7	100.0	104.9	109.7	113.6	116.1	118.9	123.5	129.6
Italy	84.2	88.7	92.2	94.1	95.9	97.5	100.0	102.8	105.3	108.1	110.5	112.7	115.1	117.2
Japan	98.6	98.5	98.6	100.4	101.1	100.7	100.0	99.2	98.4	98.1	98.1	97.8	98.1	98.1
Korea	78.8	82.3	86.4	90.2	97.0	97.8	100.0	104.1	106.8	110.7	114.7	117.8	120.5	123.5
Luxembourg	91.0	92.7	93.8	95.1	96.0	96.9	100.0	102.7	104.8	106.9	109.3	112.0	115.0	117.7
Mexico	30.9	41.7	56.0	67.6	78.3	91.3	100.0	106.4	111.7	116.8	122.3	127.2	131.8	137.0
Netherlands	88.2	89.9	91.7	93.7	95.6	97.7	100.0	104.2	107.6	109.9	111.2	113.1	114.4	116.3
New Zealand	89.7	93.1	95.2	96.3	97.6	97.5	100.0	102.6	105.4	107.2	109.7	113.0	116.8	119.6
Norway	87.1	89.2	90.4	92.7	94.8	97.0	100.0	103.0	104.3	106.9	107.4	109.1	111.6	112.4
Poland	43.2	55.3	66.2	76.1	84.9	91.0	100.0	105.4	107.4	108.2	111.8	114.3	115.7	118.6
Portugal	84.1	87.6	90.3	92.4	95.0	97.2	100.0	104.4	108.1	111.6	114.2	116.9	120.5	123.4
Slovak Republic	61.4	67.4	71.3	75.7	80.7	89.3	100.0	107.3	110.7	120.2	129.2	132.7	138.7	142.5
Spain	84.0	87.9	91.0	92.8	94.5	96.7	100.0	103.6	106.8	110.0	113.4	117.2	121.3	124.7
Sweden	95.4	97.7	98.3	98.9	98.7	99.1	100.0	102.4	104.6	106.6	107.0	107.5	109.0	111.4
Switzerland	94.7	96.4	97.2	97.7	97.7	98.5	100.0	101.0	101.6	102.3	103.1	104.3	105.4	106.2
Turkey	3.3	6.3	11.4	21.2	39.2	64.6	100.0	154.4	223.8	272.2	295.6	319.8	350.4	381.1
United Kingdom	90.0	92.4	94.7	96.4	97.9	99.2	100.0	101.2	102.5	103.9	105.3	107.5	110.0	112.5
United States	86.1	88.5	91.1	93.2	94.7	96.7	100.0	102.8	104.5	106.8	109.7	113.4	117.1	120.4
EU27 total	..	..	83.6	89.7	93.9	96.7	100.0	103.2	105.8	108.1	110.5	113.1	115.7	118.4
OECD total	75.6	80.2	84.8	88.9	92.7	96.1	100.0	103.7	106.7	109.3	111.9	114.8	117.8	120.8
Brazil	42.0	69.7	80.7	86.3	89.1	93.4	100.0	106.8	115.9	132.9	141.7	151.4	157.8	163.5
China	78.1	91.5	99.1	101.8	101.0	99.6	100.0	100.7	100.0	101.1	105.1	107.0	108.5	113.7
India	63.0	69.5	75.7	81.1	91.9	96.1	100.0	103.8	108.2	112.4	116.6	121.5	128.6	136.8
Indonesia	40.3	44.0	47.6	50.5	80.0	96.4	100.0	111.5	124.8	133.2	141.3	156.0	176.5	187.8
Russian Federation	6.9	20.6	30.4	34.9	44.6	82.8	100.0	121.5	140.7	159.9	177.3	199.8	219.2	238.9
South Africa	66.6	72.4	77.8	84.4	90.3	94.9	100.0	105.7	115.4	122.1	123.8	128.1	134.0	143.5

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CPI: all items

Average annual growth in percentage



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CONSUMER PRICE INDICES (CPI)

CPI: food

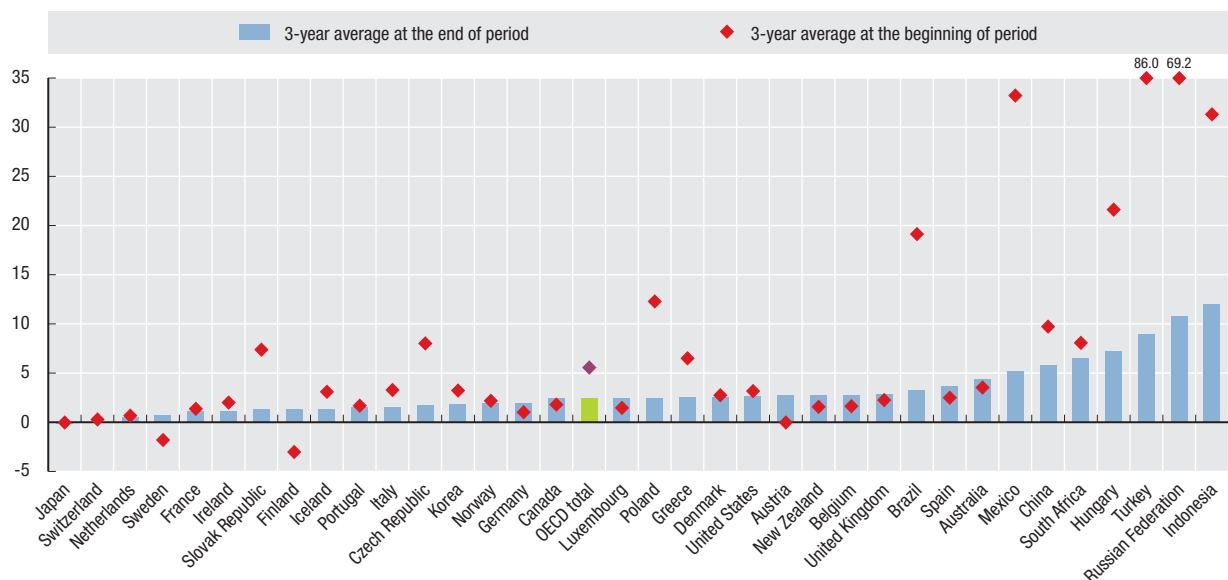
Year 2000 = 100

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	84.0	88.1	90.7	93.2	96.0	99.4	100.0	106.2	110.2	114.3	116.6	118.9	130.2	132.5
Austria	98.2	96.5	96.6	98.1	100.0	99.4	100.0	103.6	105.1	106.9	109.0	111.3	113.3	118.1
Belgium	92.7	93.9	95.2	97.3	99.2	99.1	100.0	104.6	107.0	109.2	110.5	112.5	115.3	119.8
Canada	91.6	94.0	95.1	96.6	97.9	99.0	100.0	104.9	107.5	109.1	111.0	113.6	116.2	119.2
Czech Republic	79.6	89.0	96.1	100.3	104.7	98.9	100.0	105.0	103.0	100.7	104.2	103.9	104.8	109.8
Denmark	87.5	90.2	91.7	94.9	96.9	97.5	100.0	103.9	106.1	107.7	106.6	107.3	110.2	115.1
Finland	106.5	98.1	96.7	97.1	99.0	98.9	100.0	104.4	107.4	108.1	108.9	109.5	111.0	113.3
France	92.0	93.1	94.1	95.8	97.4	97.8	100.0	105.5	108.4	110.9	111.4	111.6	113.4	115.1
Germany	98.0	99.0	99.6	101.0	102.0	100.7	100.0	104.5	105.3	105.2	104.8	104.9	107.0	111.1
Greece	76.0	82.4	88.2	91.8	95.9	98.1	100.0	105.1	110.7	116.2	116.9	117.6	122.0	125.9
Hungary	43.3	56.6	66.4	77.9	89.0	91.6	100.0	113.6	118.6	120.3	127.1	129.2	139.8	156.5
Iceland	82.6	84.9	87.6	90.5	93.0	96.0	100.0	106.9	111.4	108.5	109.6	106.8	115.3	114.1
Ireland	85.2	87.6	89.1	90.4	94.1	97.0	100.0	106.5	110.2	111.8	111.5	110.7	112.2	115.4
Italy	87.7	93.0	96.7	96.6	97.6	98.5	100.0	104.1	107.9	111.3	113.7	113.7	115.6	119.0
Japan	101.5	99.8	99.7	101.4	103.2	102.4	100.0	99.4	98.3	98.1	99.2	97.9	98.5	98.8
Korea	78.2	80.2	82.5	86.0	94.7	99.1	100.0	105.0	110.0	115.1	124.3	127.6	128.2	131.4
Luxembourg	90.3	92.5	93.3	94.3	96.8	98.0	100.0	104.8	108.9	111.0	113.0	114.8	117.6	121.5
Mexico	29.9	41.7	59.3	70.7	82.0	94.9	100.0	105.1	109.1	115.1	123.5	130.2	134.9	143.7
Netherlands	94.5	94.8	94.8	96.4	98.6	99.7	100.0	107.0	110.5	111.7	107.8	106.5	108.2	109.4
New Zealand	90.4	91.4	92.6	94.7	98.1	99.0	100.0	106.8	109.9	109.3	109.7	111.0	114.3	118.9
Norway	85.4	86.7	88.1	91.1	95.4	98.1	100.0	98.1	96.4	99.7	101.5	103.1	104.5	107.4
Poland	..	63.3	74.5	83.7	89.6	91.2	100.0	104.6	104.0	102.7	108.8	111.2	111.9	117.1
Portugal	88.1	90.5	92.3	92.6	95.9	97.9	100.0	106.5	108.6	111.4	112.6	112.0	115.0	117.8
Slovak Republic	70.6	79.4	82.7	87.4	92.5	95.0	100.0	106.1	107.6	111.3	116.6	115.0	116.6	121.3
Spain	88.8	93.2	96.3	95.6	96.7	98.0	100.0	105.9	111.2	115.7	120.2	124.0	129.1	133.8
Sweden	102.9	104.3	97.1	97.4	98.5	100.0	100.0	102.9	106.2	106.6	106.1	105.4	106.2	108.3
Switzerland	96.9	97.6	97.1	97.7	98.5	98.4	100.0	102.1	104.4	105.8	106.3	105.5	105.5	106.1
Turkey	3.9	7.6	13.1	25.1	46.2	68.2	100.0	149.1	223.0	273.5	292.2	306.6	336.3	378.0
United Kingdom	92.8	96.4	99.4	99.2	100.2	100.5	100.0	103.8	104.6	105.8	106.5	108.2	110.9	115.8
United States	85.8	88.6	91.9	94.2	96.0	97.8	100.0	103.3	104.6	106.9	110.9	113.0	115.0	119.9
EU27 total	..	..	78.8	89.2	94.8	96.2	100.0	106.5	109.7	111.9	113.9	115.1	117.9	121.9
OECD total	77.2	82.1	86.9	90.8	95.0	97.6	100.0	104.7	107.7	110.3	113.3	114.9	117.4	121.7
Brazil	52.9	83.9	8.88	89.5	92.0	95.1	100.0	106.7	117.0	140.8	146.5	151.0	151.0	161.2
China	83.8	103.0	110.8	110.7	107.2	102.7	100.0	100.0	99.4	102.8	113.1	116.4	119.1	133.9
Indonesia	..	37.1	40.2	43.6	84.0	105.0	100.0	108.4	120.2	121.5	128.6	141.9	162.9	180.8
Russian Federation	7.0	21.4	30.0	33.9	43.1	84.9	100.0	121.3	136.2	151.4	167.2	190.2	208.4	227.1
South Africa	66.0	71.7	76.1	83.3	88.4	92.7	100.0	105.4	122.1	131.9	134.9	137.9	147.9	163.1

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CPI: food

Average annual growth in percentage




StatLink <http://dx.doi.org/10.1787/535837313886>

**CPI: energy**

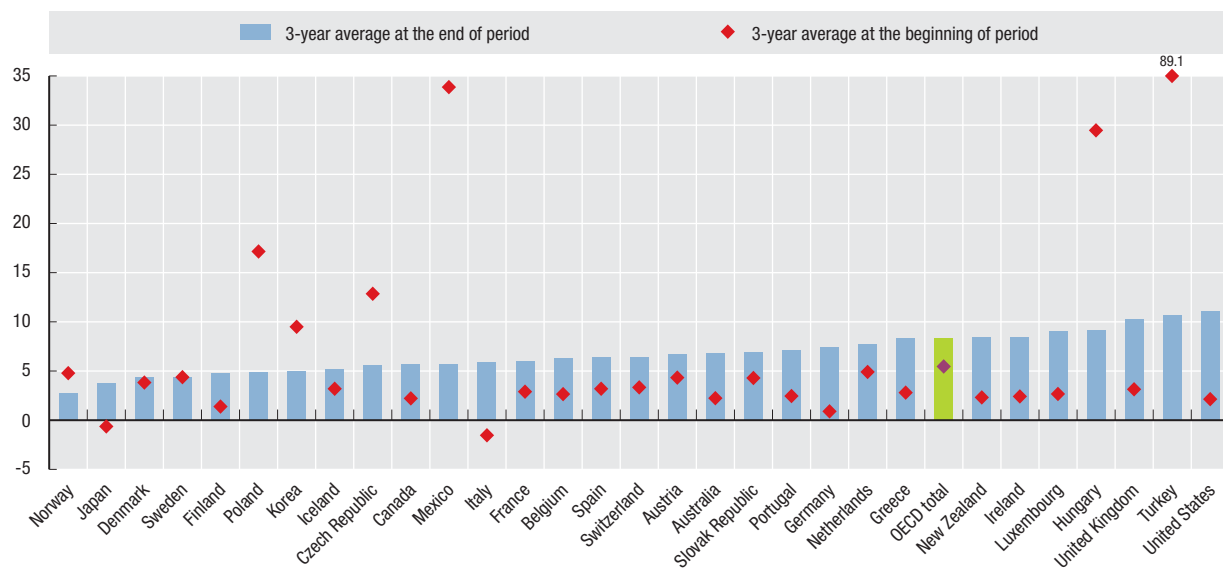
Year 2000 = 100

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Australia	81.7	84.2	85.8	87.3	84.3	85.8	100.0	102.5	103.3	108.6	115.5	126.9	138.8	140.7
Austria	81.9	84.9	90.3	93.0	90.0	90.3	100.0	100.5	98.1	99.1	105.4	115.7	122.9	128.0
Belgium	82.1	81.5	86.1	88.8	85.7	87.4	100.0	100.6	97.4	97.3	103.7	115.7	124.3	124.6
Canada	79.5	80.5	82.9	84.9	81.4	86.0	100.0	103.2	101.2	109.2	116.6	127.8	134.4	137.5
Czech Republic	..	..	60.8	68.9	82.3	87.4	100.0	104.2	104.6	105.6	110.0	117.2	127.4	129.4
Denmark	73.8	75.2	80.1	82.6	83.7	89.2	100.0	101.5	103.7	104.6	107.0	115.0	121.1	121.5
Finland	83.2	77.3	85.2	86.7	85.6	88.8	100.0	98.2	97.3	102.0	105.9	113.1	119.7	121.8
France	83.9	85.5	89.6	91.4	88.8	89.2	100.0	98.4	96.9	99.2	103.9	114.2	121.5	123.8
Germany	84.9	84.2	84.9	87.2	84.5	87.9	100.0	106.0	106.2	110.4	114.8	126.2	136.9	142.3
Greece	84.5	88.3	95.6	91.8	88.8	85.4	100.0	98.3	98.1	102.0	107.9	123.2	134.2	137.0
Hungary	30.4	41.2	53.0	66.0	75.3	85.3	100.0	104.1	106.4	112.8	124.4	133.8	142.6	161.9
Iceland	80.9	81.4	85.0	88.9	86.9	89.4	100.0	104.1	101.9	103.9	111.7	118.6	128.0	130.1
Ireland	80.9	81.4	84.4	86.9	86.4	88.0	100.0	97.4	100.8	104.8	113.6	128.0	138.5	144.9
Italy	94.5	99.0	88.6	90.2	89.0	89.6	100.0	101.8	99.0	102.2	104.4	113.4	122.8	124.1
Japan	104.9	102.8	100.1	102.9	98.4	96.9	100.0	100.5	98.1	98.2	99.8	103.5	109.6	111.4
Korea	53.7	54.7	60.2	70.5	90.9	91.3	100.0	107.0	103.6	107.4	113.2	119.1	127.5	131.0
Luxembourg	79.2	78.1	82.6	85.7	81.3	83.5	100.0	98.4	94.4	96.6	105.5	121.5	133.6	136.7
Mexico	26.0	37.2	50.5	62.4	71.9	84.9	100.0	108.6	117.4	128.4	138.4	146.9	157.7	163.6
Netherlands	73.8	74.2	79.0	85.2	85.1	87.1	100.0	107.0	109.5	114.5	120.8	135.2	145.4	150.8
New Zealand	83.1	84.9	87.1	89.0	87.4	88.4	100.0	99.1	100.5	104.6	115.1	127.1	143.0	146.6
Norway	79.1	83.6	86.6	91.0	87.4	89.7	100.0	108.2	105.7	126.4	123.1	126.1	148.5	133.4
Poland	..	50.8	60.5	70.9	81.7	88.5	100.0	107.3	112.6	117.3	122.3	128.7	135.8	140.9
Portugal	88.8	89.8	91.8	95.5	96.1	94.3	100.0	105.1	106.2	111.3	117.3	128.9	139.2	144.1
Slovak Republic	..	43.2	45.7	47.3	49.0	69.9	100.0	113.9	127.7	153.0	174.9	188.6	211.9	213.8
Spain	80.9	83.7	86.8	88.9	85.5	88.2	100.0	99.0	98.2	99.6	104.4	114.4	123.5	125.6
Sweden	81.7	83.1	88.5	92.9	92.9	92.7	100.0	107.1	108.6	121.8	125.5	132.2	142.3	142.6
Switzerland	79.3	81.4	84.7	87.5	82.4	84.9	100.0	98.8	93.9	95.0	99.4	109.8	117.6	119.7
Turkey	3.3	5.9	12.2	22.3	36.6	64.0	100.0	192.2	279.9	330.9	346.5	397.5	442.2	470.0
United Kingdom	81.3	84.2	86.4	89.2	89.5	93.4	100.0	97.3	96.5	99.1	105.3	116.9	134.1	141.3
United States	84.0	84.5	88.4	89.5	82.6	85.6	100.0	103.8	97.6	109.5	121.5	142.1	158.0	166.7
EU27 total	..	..	79.6	85.4	85.5	88.8	100.0	102.8	104.4	108.5	114.4	125.7	136.3	140.9
OECD total	71.6	74.9	79.7	84.0	83.0	87.2	100.0	104.9	104.1	111.7	119.6	133.9	146.4	152.2

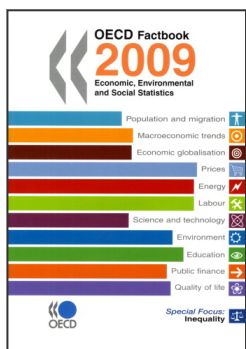
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**CPI: energy**

Average annual growth in percentage



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